

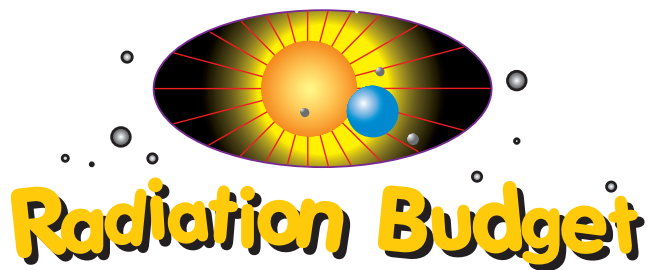
ACTIVITY SHEET

ACRONYM MAP SEARCH

An ACRONYM is a word made from the beginning letters of other words. For example, "SCUBA" is an acronym meaning "Self-Contained Underwater Breathing Apparatus." Scientists at NASA love to use acronyms. In fact, the name "NASA" is a acronym itself! Do you know what it stands for? On maps, people use LATITUDE and LONGITUDE to help them find where things are. Latitude means how far north or south something is, and is measured in degrees (°). 90° North latitude is the North Pole; 90° South latitude is the South Pole, and 0° latitude is the equator. Longitude is also measured in degrees; it is how far east or west something is.

Pretend the word search on the next page is a map. Use the latitudes and the longitudes given to find each acronym! (Hint: The coordinates given are for the first letter of the acronym. Acronyms in the puzzle may be forwards, backwards, up and down, or even diagonal).

Acronyms for:	Latitude	Longitude
Clouds and the Earth's Radial Energy System	75° N	120° E
Distributed Active Archive Center	15° S	120° E
Earth Observing System	60° N	90° E
Earth Radiation Budget Experiment	60° N	30° E
Earth Radiation Budget Satellite	15° S	0° E/W
Goddard Space Flight Center	45° N	0° E/W
International Satellite Cloud Climatology Project	75° S	150° E
International Space Shuttle	0° N/S	60° W
Langley Research Center	15° N	60° E
Measurement Of Pollution In The Troposphere	0° N/S	150° W
Earth Science Enterprise	60° N	180° E/W
National Aeronautics and Space Administration	75° N	120° W
National Oceanic and Atmospheric Administration	75° S	150° W
Stratospheric Aerosol and Gas Experiment	15° N	60° W
Total Ozone Mapping Spectrometer	15° N	150° W
Tropical Rainfall Measuring Mission	45° S	60° E
Upper Atmosphere Research Satellite	0° N/S	30° E



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Lat./ Long	180° E/W	150° W	120° W	90° W	60° W	30° W	0° E/W	30° E	60° E	90° E	120° E	150° E	180° E/W
75° N	S	B	N	A	S	A	I	S	C	O	C	C	P
60° N	E	E	S	B	R	A	T	E	C	E	R	A	T
45° N	O	S	D	C	F	S	G	D	R	L	O	E	S
30° N	T	S	E	D	S	A	F	E	A	B	A	S	R
15° N	M	T	P	E	S	R	S	C	L	R	E	S	O
0° N/S	R	M	O	P	I	T	C	U	A	O	K	F	T
15° S	T	O	N	M	P	I	E	C	A	A	D	A	A
30° S	E	R	O	L	S	R	C	P	D	R	S	S	C
45° S	P	K	R	A	B	M	M	R	T	A	S	A	D
60° S	O	E	R	S	B	D	A	A	L	M	I	T	P
75° S	L	N	O	A	A	A	C	P	C	C	S	I	L

Chebklst:

CERES__ __ISS

GSFC__ __NOAA

ESE__ __ERBE

TRMM__ __LARC

DAAC__ __SAGE

ISCCP__ __ERBS

NASA__ __MOPITT

UARS__ __TOMS

EOS__